

FIG.1

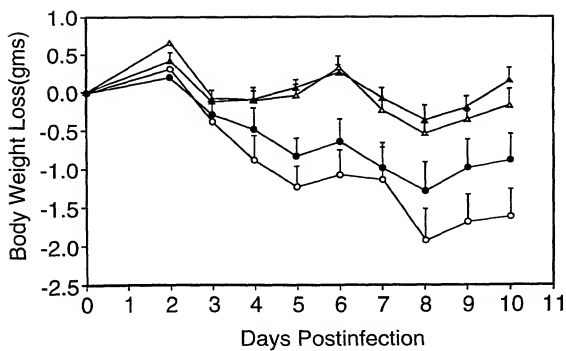


FIG.2A

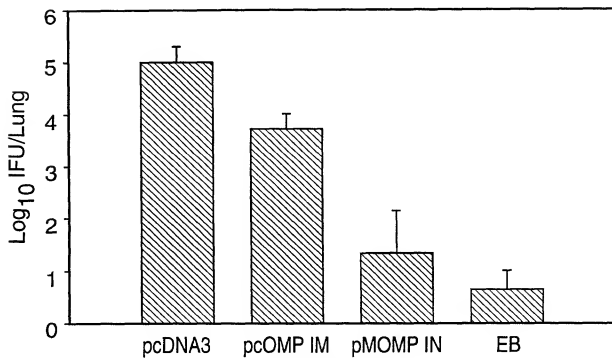


FIG.2B

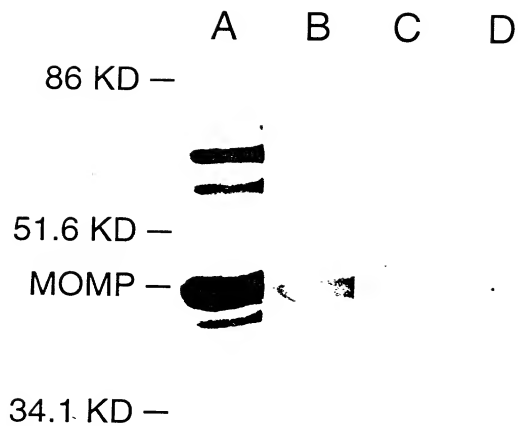
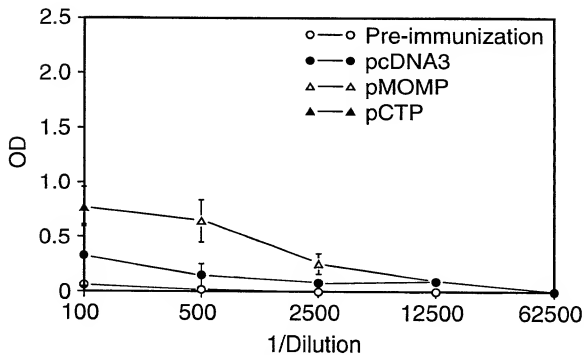
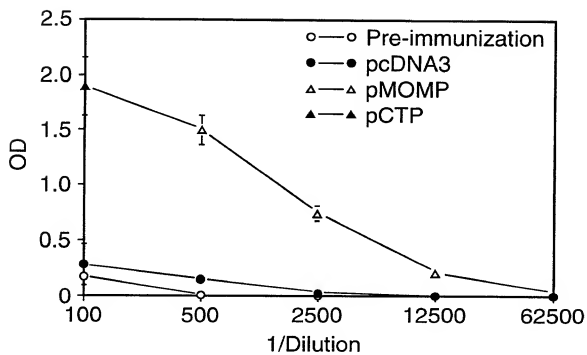
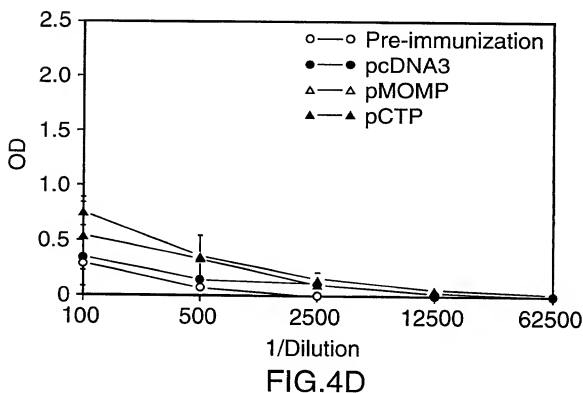
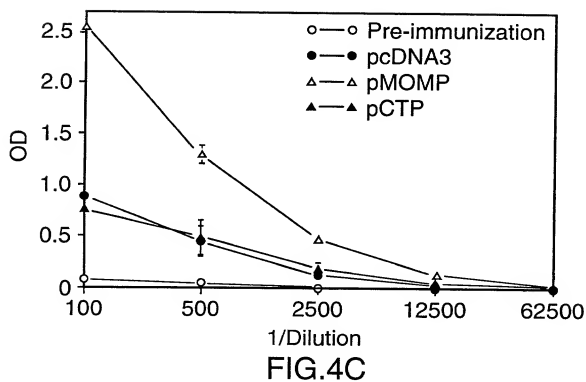


FIG.3





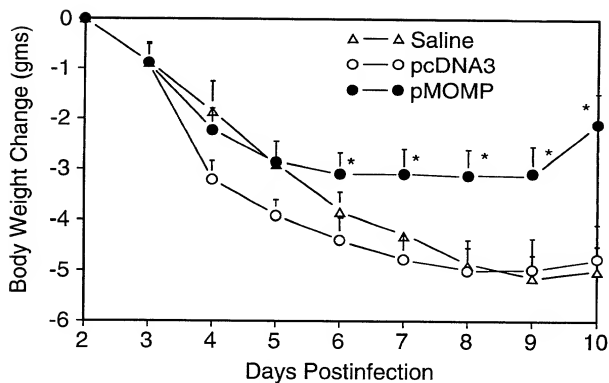


FIG.5A

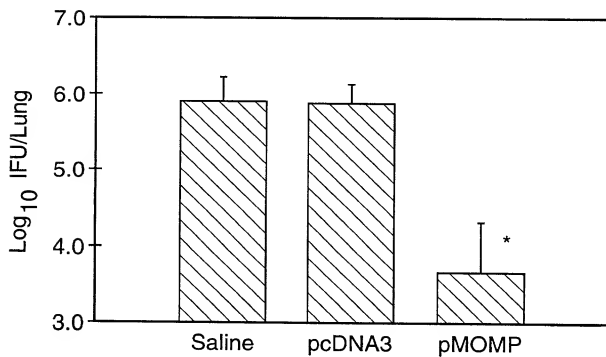


FIG.5B

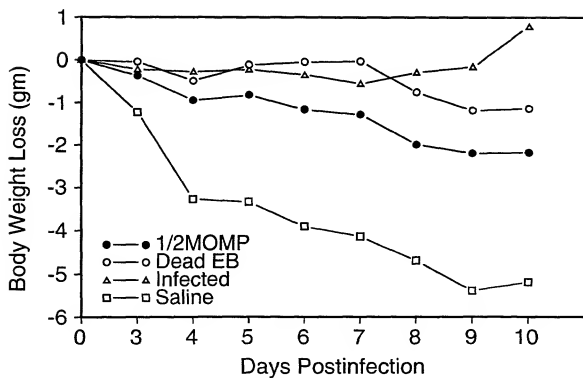


FIG.6A

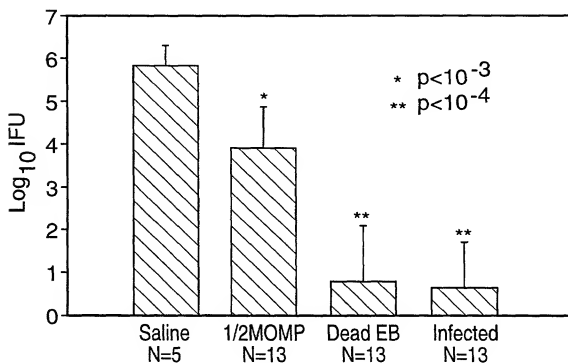


FIG.6B

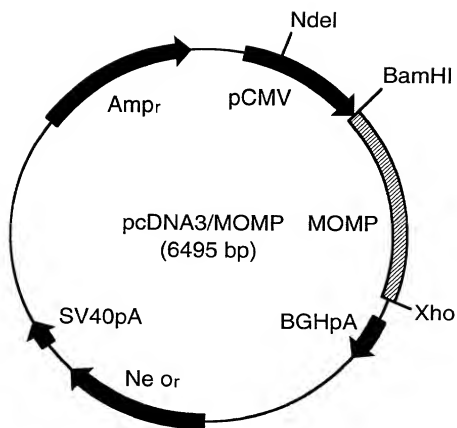


FIG.7

MoPn MOMP gene (nucleotide number of mature MOMP)

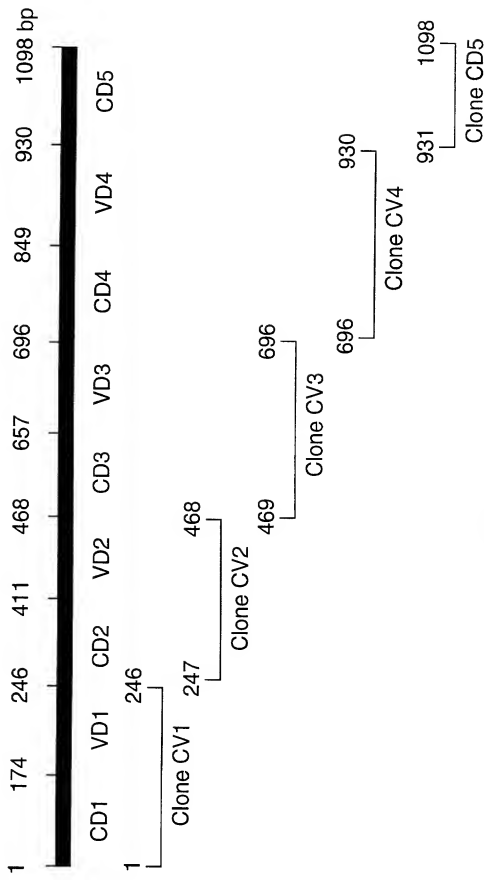


FIG.8

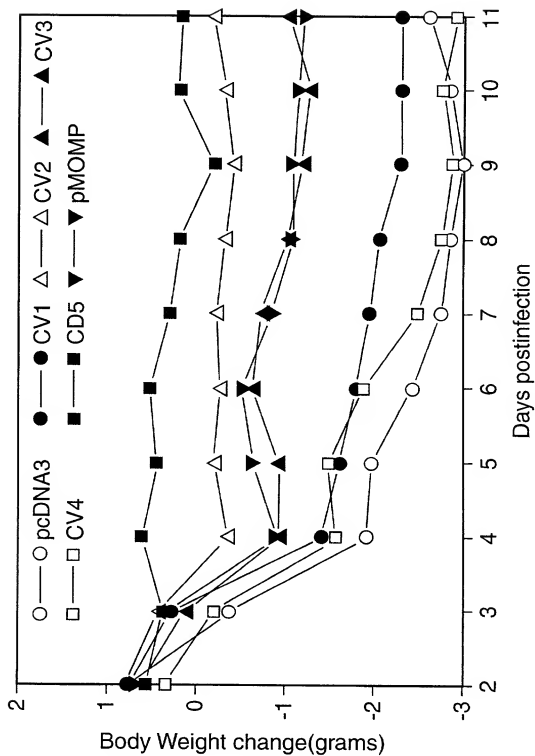


FIG.9

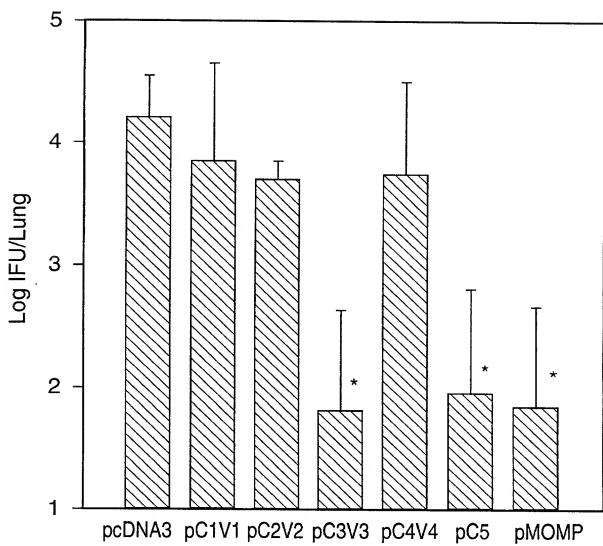


FIG.10

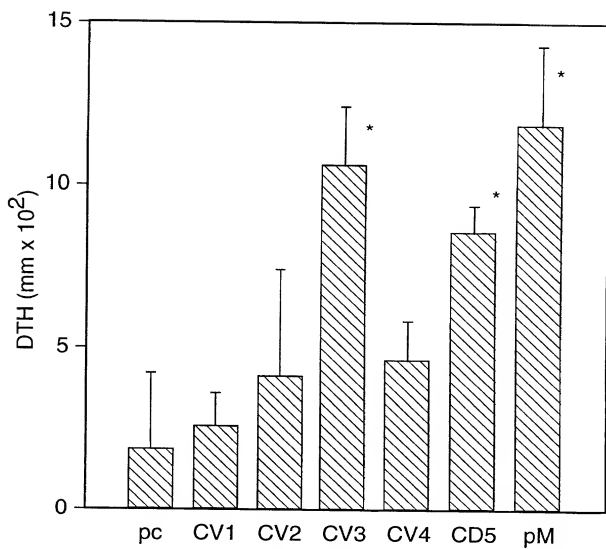


FIG.11

202070-2055001

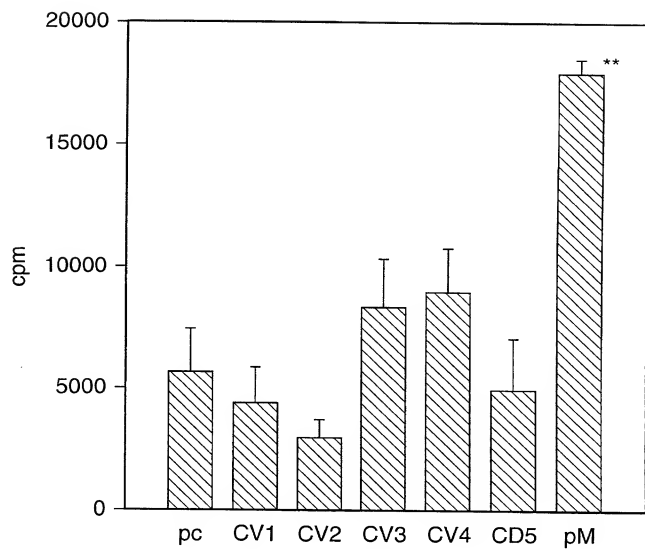


FIG.12

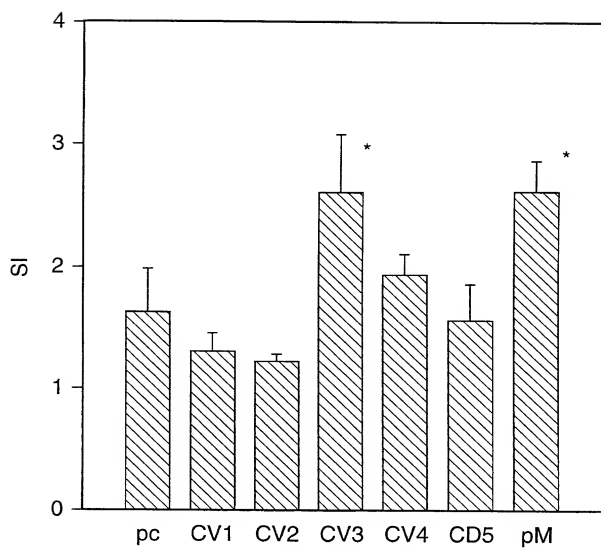


FIG.13

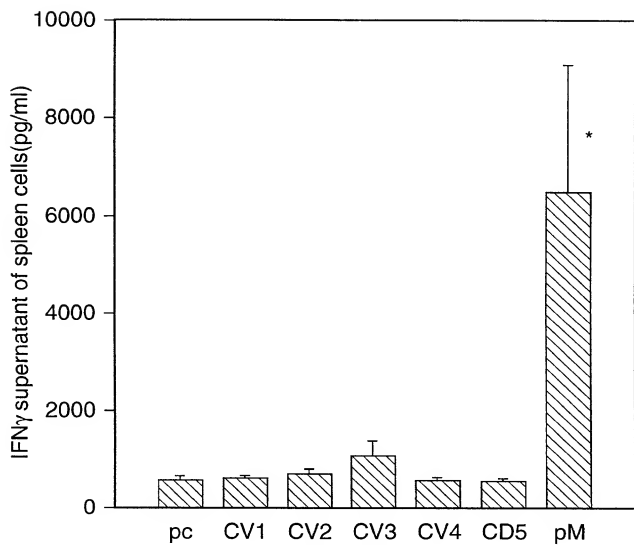


FIG.14

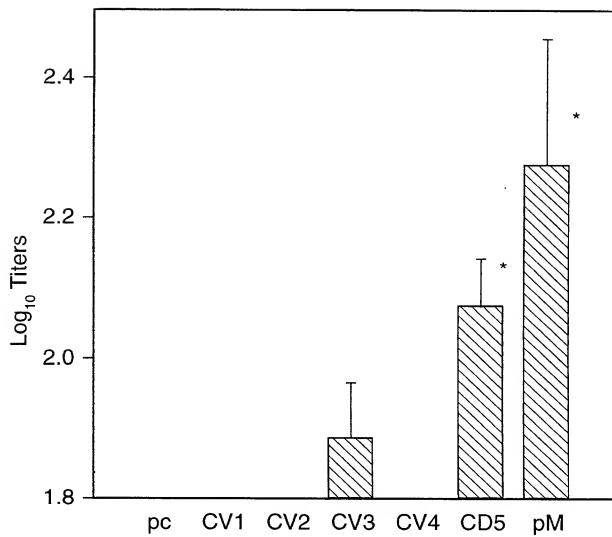


FIG.15

Figure 16

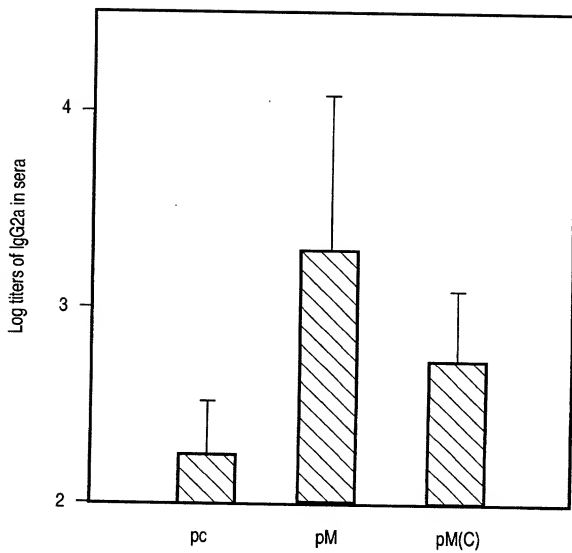


Figure 17

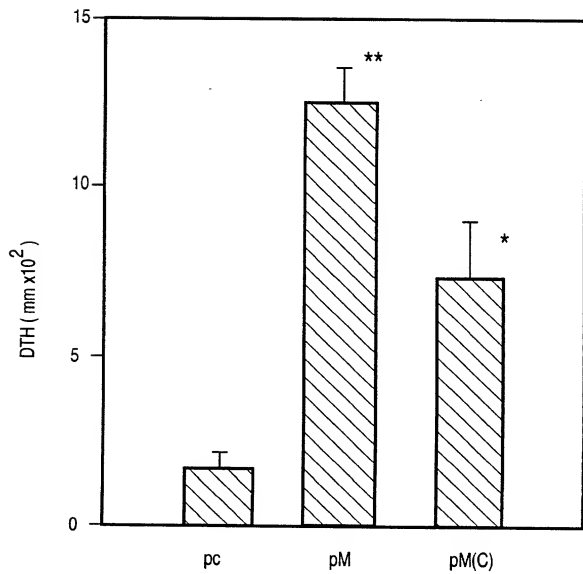


Figure 18

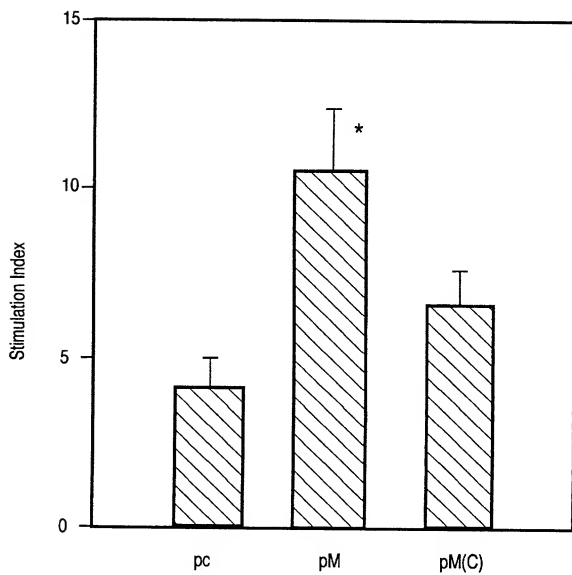


Figure 19

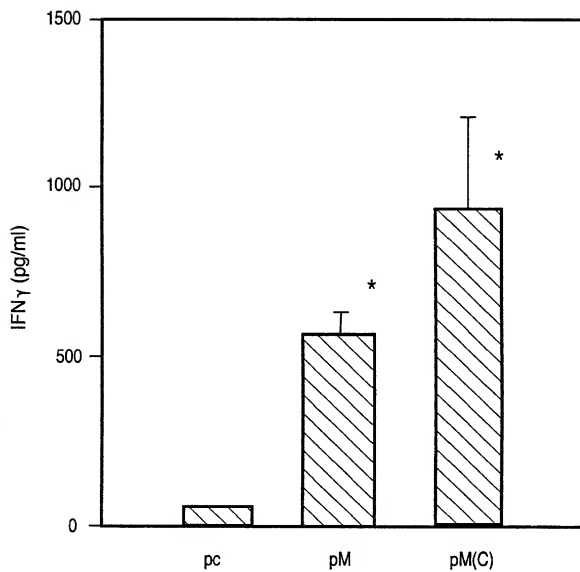


FIG. 20A

26

1

E	MKKLLKSVLFAAL-SSASSLQALPVENPAPPSIMIDGILWEFGDPP	C	D
B	.....	-	.....
L1	.....	-	.....
DA	.....	-	.....
L2	.....	-	.....
F	.....	-	.....
L3	.....	-	.....
A	.....	-	.....
C	.....	-	.....
H	.....	-	.....
MoPn	.....A.V.-G...H.		
SFPD	.....A.V.-G...H.		
GPIC	.....A.L..T-G..L.	L	TM..AS
Mn	.....A.L..TT-G..L.	L	TM..AS
HuPn	.....A.LS.FAG.VG....SD..L..TI..AA..		

29 23

59

P	C	TTW	C	DAISMFGYGFVFDRLVKTIDNKK	EFQ-MGDKPSTTGTGATPTT	VD I	78
.....	.....	.....	.....	.....	...-.A...T....V..S.	.....	78
.....	.....	.....	.....Q	.....	...-.A...A....A..S.	.....	78
.....	.....	.....	.....E	.....	..H-.A...TD...SA..S.	.....	78
.....	.....	.....	.....Q	.....	...-.A...TA....A..S.	.....	78

FIG.20D

182 184

210

E	ARAALWE	C G C	ATILGASFOYAQSKPVEEINVL	C	NAAETITNKPGY
B	.....	.....	.....	.....	.....
L1	.....	.....	.....	.....	.....
DA	.....	.....	.....	.....	.....
L2	.....	.....	.....	.....	.....
F	.....	.....	.....I.....	.....	.....
L3	.....	.....	.....	.....D.S.....	.....
A	.....	.....	.....	.....S.....	.....
C	.....	.....	.....	.....S.....	.....
H	.....	.....	.....	.....S.....	.....
MoPn	.....	.....	.....	.....	.....
SFPD	.....	.....	.....	.....Q.....	.....
GPIC	..G....	.....	.....E.....N..I.M...I	S	SPTQ.V.H..R..
Mn	..G....	.....	.....E.....N..I.M...T	S	SP.Q.V.H..R..
HuPn	..G....	.....	.....E.....	..VSQ.SV.....	.....

223 233

VD III

VG	--QEEFLALLAGTIDA	ATGKQASIDYHEWQASLALSYRLNMTPTPYIGVWSRA	273
..	--K..L..D.T.....	.....	274
..	--K...D.T.....	.....	273
..	--K...D.T.....	.....	273
..	--...D.K...G|V.....	.....	274

FIG.20E

..	--K...D.T....	.....S.....	274
..	--A...DIT...E.	.....V	276
..	--A...DIT...E.	.....V	276
..	--A...NIT...E.	.....V	276
..	--A...DIT...E.	.....V	276
..	--...NIK...VS	..D.....	270
..	--K...T...S	..D.....	279
K.	TAAN...P.T...ES	..D..S.T.K...IG.....IV...N...	270
K.	ASSN...PTT...TE	..D..S.T.K...VG.....IV...N...	280
K.	--VA...PTD..VAT	.....S.T.N...VCAS.....SLV.....Q....	269

287

316

E	SFDAUTIRIAQPK	SATAIFDITTTINPTTAGAG-DWKASA-----EGQLG	DT
B	.....	..ET...V.....T.-----	..
L1	.....	L.....-E..N.-----	..
DA	.....	.....TGT-----	..
L2	.....	..TV..V.....	..
F	..S.....R	IV.PW.I.....C.-S.AGANT---.IS	..
L3	.....	L.E.VL.V.....K.-S.V.GS---NE.A	..
A	.....	L.KPL.....K.-T.VS.----NE.A	..
C	.....	L.E..L.V.....K.-S.VSAGT---DNE.A	..
H	.....	L.E..L.V.....K.-T.V.GS---DNE.A	..
MoPn	.....	LE.S.LKM.W.....S.S.I.,-----DTKIT	..

